

ARLIS



33755 001 03667 2

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

ARLIS

TN  
879.51  
.135  
1980

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

TN  
879.51  
I35  
1980

DATA SHEET

DATE: 04-30-80

AM

TIME: 12:00 noon

PM

LOCATION: TAPS A.S. G-100/2

NAPLINE A.S. 003

OBSERVER: N. Price & D. Carson

MODE OF TRAVEL: Bell 206 Helicopter

START LOCATION: Prudhoe Bay

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 7 - south.

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: None

PHOTOGRAPH: ROLL NO. 1

PICTURE NO. 1

I/D NO. 11393 A



3 3755 001 036672

COMMENTS/DESCRIPTION:

View of TAPS looking south from about MP 7 showing general snow cover and winter conditions on the North Slope.

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OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

XXXXX

OBSERVER: N. Price & D. Carson

TIME: 12:02

PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/3

START LOCATION: Prudhoe Bay

NAPLINE A.S. 004

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 13.

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: None

PHOTOGRAPH: ROLL NO. 1

PICTURE NO. 2

I/D NO. 11393 B



COMMENTS/DESCRIPTION:

Ice along TAPS Right-of-Way - center of photo.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

## DATA SHEET

DATE: 04-30-80 XAMX  
TIME: 12:15 PM

OBSERVER: N. Price & D. Carson

LOCATION: TAPS A.S. G-100/5  
NAPLINE A.S. 005

MODE OF TRAVEL: Bell 206 Helicopter

START LOCATION: Prudhoe Bay

OTHER: Approx. TAPS MP 21  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Sagavanirktoq River.

PHOTOGRAPH: ROLL NO. 1  
PICTURE NO. 3  
I/D NO. 11393 C



**COMMENTS/DESCRIPTION:**

View of Spur Dike field looking south along TAPS from vicinity of MP 21. Heavy snow cover extends easterly across the Sagavanirktok River (left side of photo).

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 12:25

XAMXX  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/7

START LOCATION: Prudhoe Bay

NAPLINE A.S. 008

END LOCATION: Fairbanks

OTHER: TAPS MP 35.7

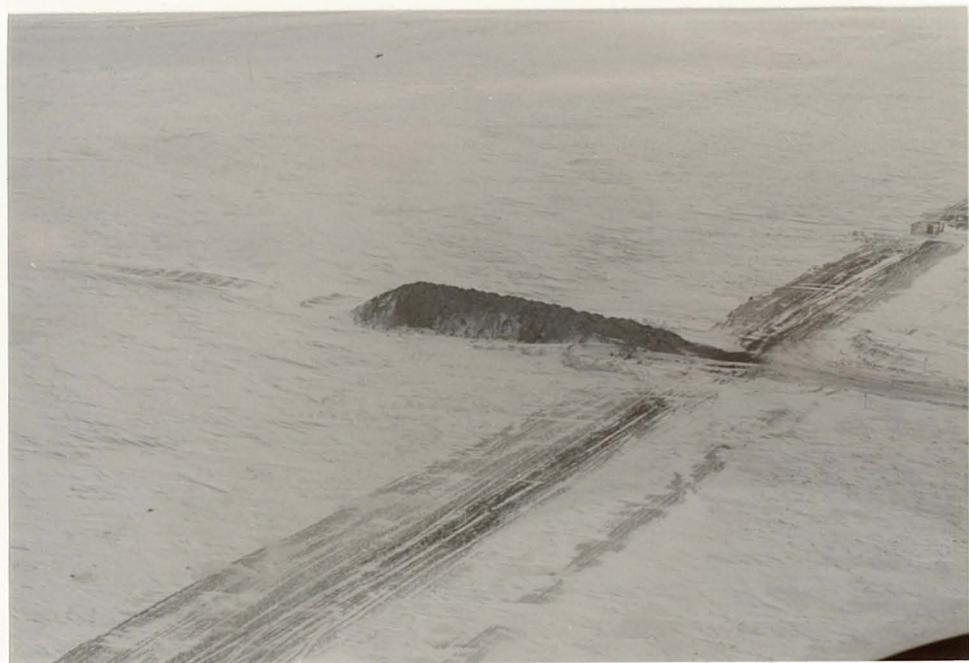
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: None

PHOTOGRAPH: ROLL NO. 1

PICTURE NO. 5

I/D NO. 11393 E



COMMENTS/DESCRIPTION:

View of TAPS workpad & gravel stockpiled on AR 131-APL/AMS-3.  
Sagavanirktoq R. is off left edge of photo.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

~~XXAMX~~

TIME: 12:32

PM

LOCATION: TAPS A.S. G-100/10

OBSERVER: N. Price & D. Carson

NAPLINE A.S. 010

MODE OF TRAVEL: Bell 206 Helicopter

START LOCATION: Prudhoe Bay

END LOCATION: Fairbanks

OTHER: TAPS MP 48; south of Check Valve (CV) 12  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Sagavanirktok R.

PHOTOGRAPH: ROLL NO. 1

PICTURE NO. 6

I/D NO. 11393 F



COMMENTS/DESCRIPTION:

Spur field on TAPS; Sagavanirktok R. on left of photo.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 12:35

XXAMX  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/10

START LOCATION: Prudhoe Bay

NAPLINE A.S. 010

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 50 - 51

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: None

PHOTOGRAPH: ROLL NO. 1

PICTURE NO. 7

I/D NO. 11393 G



COMMENTS/DESCRIPTION:

View of thawed spots over pipeline (bare ground is showing).

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 12:38

XAMX  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/11

START LOCATION: Prudhoe Bay

NAPLINE A.S. 011

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 57.5 approaching Pump Station #2  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Sagavanirktok R. (on left of photo)

PHOTOGRAPH: ROLL NO. 1

PICTURE NO. 8

I/D NO. 11393 H



COMMENTS/DESCRIPTION:

General snow cover prevails throughout area including the Sag R. floodplain. TAPS Pump Station #2 is in center of photo.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 12:45 ± XXX  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/13

START LOCATION: Prudhoe Bay

NAPLINE A.S. 013

END LOCATION: Fairbanks

OTHER: Passing TAPS MP 69

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Sagavanirktok R. (on left of photo)

PHOTOGRAPH: ROLL NO. 1

PICTURE NO. 10

I/D NO. 11393 J



COMMENTS/DESCRIPTION:

Bare ground is showing over the pipeline (is indicative of the heat being conducted from the hot oil in the pipeline to the ground).

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 12:48

~~XXAMX~~  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/14

START LOCATION: Prudhoe Bay

NAPLINE A.S. 014

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 73

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Sagavanirktok R.

PHOTOGRAPH: ROLL NO. 1

PICTURE NO. 11

I/D NO. 11393 K



COMMENTS/DESCRIPTION:

Aufeis buildup in the Sag R.

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ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 12:58 ~~XXAMX~~  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/17

START LOCATION: Prudhoe Bay

NAPLINE A.S. 017

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 90.5 - Ice Cut Hill  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Sagavanirktok R.

PHOTOGRAPH: ROLL NO. 1

PICTURE NO. 12

I/D NO. 11393 L



COMMENTS/DESCRIPTION:

Channel ice build up in the Sag R. No discernable icing is present along TAPS Right-of-Way from Happy Valley to Pump Station #3.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80 OBSERVER: N. Price & D. Carson  
TIME: 1:08 XAMX MODE OF TRAVEL: Bell 206 Helicopter  
PM  
LOCATION: TAPS A.S. G-100/20 START LOCATION: Prudhoe Bay  
NAPLINE A.S. 020 END LOCATION: Fairbanks  
OTHER: Approx. TAPS MP 106; Haul Road MP 311.  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)  
STREAM/WATER BODY: Sagavanirktok R.  
PHOTOGRAPH: ROLL NO. 1  
PICTURE NO. 14  
I/D NO. 11393 N



COMMENTS/DESCRIPTION:

General view of Haul Road & TAPS south of Pump Station #3; Sag R. is near left margin of photo. Note bare strip of ground over the pipeline to the right of the Haul Road. General prevailing snow cover precludes observation of any icings along the pipeline through this area.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80 OBSERVER: N. Price & D. Carson  
TIME: 1:16 ~~XX~~  
XX  
PM MODE OF TRAVEL: Bell 206 Helicopter  
LOCATION: TAPS A.S. G-100/22 START LOCATION: Prudhoe Bay  
NAPLINE A.S. 023 END LOCATION: Fairbanks  
OTHER: Approx. TAPS MP 121  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)  
STREAM/WATER BODY: Upper tributary area of Toolik R.  
PHOTOGRAPH: ROLL NO. 1  
PICTURE NO. 15  
I/D NO. 11393 0



COMMENTS/DESCRIPTION:

General snow cover prevails through the area. No discernable icings occur along the pipeline crossings of the Toolik R. drainage or in the Oksrukuyik Cr. drainage further north of the area shown in the photo.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 1:27 XXX  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/25

START LOCATION: Prudhoe Bay

NAPLINE A.S. 026

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 137  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Galbraith Lake (in background)

PHOTOGRAPH: ROLL NO. 1

PICTURE NO. 17

I/D NO. 11393 Q



COMMENTS/DESCRIPTION:

View of Galbraith Lake. Note difference in snow cover between the lower Atigun Valley & the preceding photo #15 at MP 121. No discernable icings occur along TAPS through this zone.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 2:18

~~XAMX~~  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/26

START LOCATION: Prudhoe Bay

NAPLINE A.S. 026

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 139.5

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Galbraith Lake

PHOTOGRAPH: ROLL NO. 1

PICTURE NO. 20

I/D NO. 11393 T



COMMENTS/DESCRIPTION:

View of south half of Galbraith Lake looking southerly at Atigun Valley.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80 OBSERVER: N. Price & D. Carson  
TIME: 2:27 XAMX MODE OF TRAVEL: Bell 206 Helicopter  
LOCATION: TAPS A.S. G-100/30 START LOCATION: Prudhoe Bay  
NAPLINE A.S. 030 END LOCATION: Fairbanks  
OTHER: Approx. TAPS MP 159.5; Atigun R. Bridge #1  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)  
STREAM/WATER BODY: Atigun R.  
PHOTOGRAPH: ROLL NO. 1  
PICTURE NO. 21  
I/D NO. 11393 U



COMMENTS/DESCRIPTION:

Icing at Atigun R. Bridge #1. (See also photo #22, I/D 11393 V).

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 2:27

XAMX  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/30

START LOCATION: Prudhoe Bay

NAPLINE A.S. 030

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 159.5; Atigun R. Bridge #1  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Atigun R.

PHOTOGRAPH: ROLL NO. 1

PICTURE NO. 22

I/D NO. 11393 V



COMMENTS/DESCRIPTION:

Icing at Atigun R. Bridge #1. (See also photo #21, I/D 11393 U).

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 2:29 <sup>XAMX</sup>  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/30

START LOCATION: Prudhoe Bay

NAPLINE A.S. 030

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 163.5

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Upper Atigun R.

PHOTOGRAPH: ROLL NO. 1

PICTURE NO. 23

I/D NO. 11393 W



COMMENTS/DESCRIPTION:

No discernable aufeis along river and TAPS pipeline in this area.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80 OBSERVER: N. Price & D. Carson

TIME: 2:33 ± XAMX PM MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/31 START LOCATION: Prudhoe Bay

NAPLINE A.S. 031 END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 169.7  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: West Fork of North Fork Chandalar R.

PHOTOGRAPH: ROLL NO. 1

PICTURE NO. 26

I/D NO. 11393 Z



COMMENTS/DESCRIPTION:

Small icing zone in the Chandalar R.; does not affect TAPS seen in the upper left corner of the photo.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 2:35 <sup>XAMX</sup>  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/32

START LOCATION: Prudhoe Bay

NAPLINE A.S. 032

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 173.4

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: North Fork Chandalar R.

PHOTOGRAPH: ROLL NO. 1

PICTURE NO. 27

I/D NO. 11393 A1



COMMENTS/DESCRIPTION:

Annual icing in North Fork Chandalar R. down stream of pipeline crossing. Note open water channel in River in left foreground of photo. Open water coincides with pipeline alignment at crossing zone.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 2:37 XAMX  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/33

START LOCATION: Prudhoe Bay

NAPLINE A.S. 033

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 176.4; Haul Road MP 237  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Upper Dietrich R.

PHOTOGRAPH: ROLL NO. 1

PICTURE NO. 29

I/D NO. 11393 C1



COMMENTS/DESCRIPTION:

Aufies. TAPS is off the photo on the left side.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 2:37 +

XAMX  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/33

START LOCATION: Prudhoe Bay

NAPLINE A.S. 033

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 176.6; northern end of White Spruce Forest  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Upper Dietrich R.

PHOTOGRAPH: ROLL NO. 1

PICTURE NO. 30

I/D NO. 11393 D1



COMMENTS/DESCRIPTION:

Channel ice in the Dietrich R. Note erosion of Haul Road  
(center of photo).

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

TIME: 2:40 ± XAMX  
PM

LOCATION: TAPS A.S. G-100/34

NAPLINE A.S. 034

OBSERVER: N. Price & D. Carson

MODE OF TRAVEL: Bell 206 Helicopter

START LOCATION: Prudhoe Bay

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 182

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Dietrich R.

PHOTOGRAPH: ROLL NO. 1

PICTURE NO. 31

I/D NO. 11393 E1



COMMENTS/DESCRIPTION:

Icing zone in the Dietrich R.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 2:42 ± XAMX  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/34

START LOCATION: Prudhoe Bay

NAPLINE A.S. 034

END LOCATION: Fairbanks

OTHER: Approx. Haul Road MP 230; ± TAPS MP 183-184  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Dietrich R.

PHOTOGRAPH: ROLL NO. 1

PICTURE NO. 32

I/D NO. 11393 F1



COMMENTS/DESCRIPTION:

Icing both sides of Haul Road. Note open water channel along right portion of photo.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80 OBSERVER: N. Price & D. Carson

TIME: 2:43 ~~XXX~~ PM MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/34

START LOCATION: Prudhoe Bay

NAPLINE A.S. 034

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 185

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Dietrich R. and Kayaktuvuk Cr.

PHOTOGRAPH: ROLL NO. 1

PICTURE NO. 33

I/D NO. 11393 G1



COMMENTS/DESCRIPTION:

Icing in Dietrich R. at confluence with Kayaktuvuk Cr. Note open channel and flowing water.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80 OBSERVER: N. Price & D. Carson  
TIME: 2:43 XAMX MODE OF TRAVEL: Bell 206 Helicopter  
LOCATION: TAPS A.S. G-100/34 START LOCATION: Prudhoe Bay  
NAPLINE A.S. 034 END LOCATION: Fairbanks  
OTHER: Approx. TAPS MP 185  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)  
STREAM/WATER BODY: Dietrich R. at Kayaktuvuk Cr.  
PHOTOGRAPH: ROLL NO. 1  
PICTURE NO. 34  
I/D NO. 11393 H1



COMMENTS/DESCRIPTION:

Icing in Dietrich R. at confluence with Kayaktuvuk Cr. Another view of open channel flow as shown in photo #33, I/D 11393 G1.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80 OBSERVER: N. Price & D. Carson  
TIME: 2:44 XAMX MODE OF TRAVEL: Bell 206 Helicopter  
PM  
LOCATION: TAPS A.S. G-100/35 START LOCATION: Prudhoe Bay  
NAPLINE A.S. 035 END LOCATION: Fairbanks  
OTHER: Approx. TAPS MP 188.5  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)  
STREAM/WATER BODY: Dietrich R.  
PHOTOGRAPH: ROLL NO. 1  
PICTURE NO. 35  
I/D NO. 11393 I1



COMMENTS/DESCRIPTION:

General view of Dietrich R. - OMS 106-2 in center of photo.  
Typical annual icing buildup in Dietrich R. throughout this  
area. Side drainages are open and flowing.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D Carson

TIME: 2:49

~~XAMX~~  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/36

START LOCATION: Prudhoe Bay

NAPLINE A.S. 036

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 196.3

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Dietrich R.

PHOTOGRAPH: ROLL NO. 2

PICTURE NO. 1

I/D NO. 11392 A



COMMENTS/DESCRIPTION:

General Aufeis on the Dietrich R.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 2:50 XXX  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/36

START LOCATION: Prudhoe Bay

NAPLINE A.S. 036

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 196.8

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Dietrich R.

PHOTOGRAPH: ROLL NO. 2

PICTURE NO. 2

I/D NO. 11392 B



COMMENTS/DESCRIPTION:

Typical Aufeis in the Dietrich R.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 2:50 + <sup>XAMX</sup>  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/36

START LOCATION: Prudhoe Bay

NAPLINE A.S. 036

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 197.2  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Dietrich R.

PHOTOGRAPH: ROLL NO. 2

PICTURE NO. 4

I/D NO. 11392 D



COMMENTS/DESCRIPTION:

Another view of typical Aufeis in the Dietrich R. downstream from the area shown in photo #2, I/D 11392 B. Side drainages through this area are open and running.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 2:52

XAMX  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/37

START LOCATION: Prudhoe Bay

NAPLINE A.S. 037

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 202; Dietrich Airport  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Dietrich R.

PHOTOGRAPH: ROLL NO. 2

PICTURE NO. 5

I/D NO. 11392 E



COMMENTS/DESCRIPTION:

View of Aufeis in the Dietrich R. off Dietrich Airport and Construction Camp.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

TIME: 2:53 + AMX  
PM

LOCATION: TAPS A.S. G-100/37

NAPLINE A.S. 037

OBSERVER: N. Price & D. Carson

MODE OF TRAVEL: Bell 206 Helicopter

START LOCATION: Prudhoe Bay

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 203.7

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: N/A

PHOTOGRAPH: ROLL NO. 2

PICTURE NO. 6

I/D NO. 11392 F



COMMENTS/DESCRIPTION:

Icing along the pipeline approaching Brockman Cr., south of Dietrich Camp.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 2:54 XAMX  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/37

START LOCATION: Prudhoe Bay

NAPLINE A.S. 038

END LOCATION: Fairbanks

OTHER: TAPS elevated crossing of Dietrich R. - MP 205.3  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Dietrich R.

PHOTOGRAPH: ROLL NO. 2

PICTURE NO. 8

I/D NO. 11392 H



COMMENTS/DESCRIPTION:

Icing at TAPS elevated crossing of Dietrich R..

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80 OBSERVER: N. Price & D. Carson  
TIME: 2:55 ~~XX~~ PM MODE OF TRAVEL: Bell 206 Helicopter  
LOCATION: TAPS A.S. G-100/38 START LOCATION: Prudhoe Bay  
NAPLINE A.S. 038 END LOCATION: Fairbanks  
OTHER: TAPS MP 208.2 - Haul Road & Pipeline crossing of  
Middle Fork Koyukuk R.  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Middle Fork Koyukuk R.

PHOTOGRAPH: ROLL NO. 2  
PICTURE NO. 9  
I/D NO. 11392 I



COMMENTS/DESCRIPTION:

River is open and flowing well both downstream and upstream of crossing (see photo #10, I/D 11392 J).

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 2:55 <sup>AM</sup>  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/38

START LOCATION: Prudhoe Bay

NAPLINE A.S. 038

END LOCATION: Fairbanks

OTHER: TAPS MP 208.2

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Middle Fork Koyukuk R.

PHOTOGRAPH: ROLL NO. 2

PICTURE NO. 10

I/D NO. 11392 J



COMMENTS/DESCRIPTION:

Looking northerly up the Middle Fork Koyukuk R. from the Haul Road bridge and TAPS crossing showing breakup well in progress - (see also photo #9, I/D 11392 I).

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 2:56 X~~XX~~  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/38

START LOCATION: Prudhoe Bay

NAPLINE A.S. 038

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 210

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: N/A

PHOTOGRAPH: ROLL NO. 2

PICTURE NO. 11

I/D NO. 11392 K



COMMENTS/DESCRIPTION:

Icing along TAPS Right-of-Way south of Sukakpak Mountain.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80 OBSERVER: N. Price & D. Carson  
TIME: 2:56 + XAMX MODE OF TRAVEL: Bell 206 Helicopter  
LOCATION: TAPS A.S. G-100/39 START LOCATION: Prudhoe Bay  
NAPLINE A.S. 039 END LOCATION: Fairbanks  
OTHER: Approx. TAPS MP 212.9  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)  
STREAM/WATER BODY: N/A  
PHOTOGRAPH: ROLL NO. 2  
PICTURE NO. 12  
I/D NO. 11392 L



COMMENTS/DESCRIPTION:

Icing along TAPS Right-of-Way.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 2:57

~~XXX~~  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/39

START LOCATION: Prudhoe Bay

NAPLINE A.S. 039

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 215.3

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Linda Cr.

PHOTOGRAPH: ROLL NO. 2

PICTURE NO. 13

I/D NO. 11392 M



COMMENTS/DESCRIPTION:

Icing in Linda Cr. upstream of Haul Road crossing.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 3:04 <sup>XAMX</sup>  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/40

START LOCATION: Prudhoe Bay

NAPLINE A.S. 040

END LOCATION: Fairbanks

OTHER: TAPS MP 222.3; Hammond R. Crossing  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Hammond R.

PHOTOGRAPH: ROLL NO. 2

PICTURE NO. 15

I/D NO. 11392 0



COMMENTS/DESCRIPTION:

Channel ice and aufeis at TAPS crossing of Hammond R..

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 3:06 XAMX  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/41

START LOCATION: Prudhoe Bay

NAPLINE A.S. 041

END LOCATION: Fairbanks

OTHER: ± TAPS MP 224.6; Haul Road MP 188.6  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Middle Fork Koyukuk R.

PHOTOGRAPH: ROLL NO. 2

PICTURE NO. 17

I/D NO. 11392 Q



COMMENTS/DESCRIPTION:

Middle Fork Koyukuk R. crossing of Haul Road showing river flowing well at this location; some channel ice is still present downstream of bridge.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 3:08

~~AM~~  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/42

START LOCATION: Prudhoe Bay

NAPLINE A.S. 042

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 229; south of Wiseman  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: N/A

PHOTOGRAPH: ROLL NO. 2

PICTURE NO. 18

I/D NO. 11392 R



COMMENTS/DESCRIPTION:

Water ponding and some ice buildup along workpad. Most of workpad through this area is clear of snow, as shown. The Haul Road is bare and dusty.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 3:10

~~XXX~~  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/43

START LOCATION: Prudhoe Bay

NAPLINE A.S. 043

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 235

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: N/A

PHOTOGRAPH: ROLL NO. 2

PICTURE NO. 20

I/D NO. 11392 T



COMMENTS/DESCRIPTION:

General view of TAPS Right-of-Way taken from about MP 235 showing bare ground over the pipeline and general breakup status through the area.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 3:13 ± XAMX  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/43

START LOCATION: Prudhoe Bay

NAPLINE A.S. 043

END LOCATION: Fairbanks

OTHER: TAPS MP 237.6 approaching Coldfoot Camp  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Slate Cr.

PHOTOGRAPH: ROLL NO. 2

PICTURE NO. 21

I/D NO. 11392 U



COMMENTS/DESCRIPTION:

TAPS crossing of Slate Cr. approaching Coldfoot Camp. Some water is beginning to appear in the channel (see lower left hand corner of photo).

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 3:14 AM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/43

START LOCATION: Prudhoe Bay

NAPLINE A.S. 044

END LOCATION: Fairbanks

OTHER: TAPS MP 239.8

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Spring Cr.

PHOTOGRAPH: ROLL NO. 2

PICTURE NO. 22

I/D NO. 11392 V



COMMENTS/DESCRIPTION:

Spring Cr. LWC south of Coldfoot Camp. Water is flowing in the channel.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80 OBSERVER: N. Price & D. Carson  
TIME: 3:18 ± XAMX MODE OF TRAVEL: Bell 206 Helicopter  
LOCATION: TAPS A.S. G-100/45 START LOCATION: Prudhoe Bay  
NAPLINE A.S. 045 END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 248.6; Haul Road MP 164.1  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: N/A

PHOTOGRAPH: ROLL NO. 2

PICTURE NO. 23

I/D NO. 11392 W



COMMENTS/DESCRIPTION:

Icing across TAPS Right-of-Way at about MP 248.6.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 3:23 XAMX  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/47

START LOCATION: Prudhoe Bay

NAPLINE A.S. 046

END LOCATION: Fairbanks

OTHER: TAPS MP 256.3

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: South Fork Koyukuk R.

PHOTOGRAPH: ROLL NO. 2

PICTURE NO. 24

I/D NO. 11392 X



COMMENTS/DESCRIPTION:

Icing zone and channel ice in South Fork Koyukuk R. both up and down stream of Haul Road and pipeline crossing (river flow is from left to right in the photo).

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 3:26 <sup>XXAM</sup>  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/48

START LOCATION: Prudhoe Bay

NAPLINE A.S. 047

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 261.5

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Grayling Lake

PHOTOGRAPH: ROLL NO. 2

PICTURE NO. 26

I/D NO. 11392 Z



COMMENTS/DESCRIPTION:

View looking southerly at the Haul Road and pipeline from near Grayling Lake showing near breakup conditions. No icings are in evidence along the pipeline through this zone.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 3:30 <sup>AM</sup>  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/49

START LOCATION: Prudhoe Bay

NAPLINE A.S. 049

END LOCATION: Fairbanks

OTHER: TAPS MP 268.1; Haul Road MP 144  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Jim R.

PHOTOGRAPH: ROLL NO. 2

PICTURE NO. 27

I/D NO. 11392 A1



COMMENTS/DESCRIPTION:

Pipeline crossing of Jim R.. Water is flowing in the river although channel ice remains along the banks of the stream.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

## DATA SHEET

DATE: 04-30-80 OBSERVER: N. Price & D. Carson  
TIME: 3:31 XAMX MODE OF TRAVEL: Bell 206 Helicopter  
LOCATION: TAPS A.S. G-100/49 START LOCATION: Prudhoe Bay  
NAPLINE A.S. 049 END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 270.3  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Douglas Cr.

PHOTOGRAPH: ROLL NO. 2

PICTURE NO. 28

I/D NO. 11392 B1



**COMMENTS/DESCRIPTION:**

Small icing in Douglas Cr. through the pipeline crossing zone.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80 OBSERVER: N. Price & D. Carson  
TIME: 3:32 XAMX MODE OF TRAVEL: Bell 206 Helicopter  
PM  
LOCATION: TAPS A.S. G-100/49 START LOCATION: Prudhoe Bay  
NAPLINE A.S. 049 END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 271.3; Haul Road MP 140.9  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Jim R. Slough

PHOTOGRAPH: ROLL NO. 2  
PICTURE NO. 29  
I/D NO. 11392 C1



COMMENTS/DESCRIPTION:

Channel ice in Jim R. Slough at Haul Road crossing.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80 OBSERVER: N. Price & D. Carson  
TIME: 3:32 + XAMX MODE OF TRAVEL: Bell 206 Helicopter  
LOCATION: TAPS A.S. G-100/50 START LOCATION: Prudhoe Bay  
NAPLINE A.S. 049 END LOCATION: Fairbanks  
OTHER: Approx TAPS MP 272  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)  
STREAM/WATER BODY: Jim R. Slough  
PHOTOGRAPH: ROLL NO. 2  
PICTURE NO. 31  
I/D NO. 11392 E1



COMMENTS/DESCRIPTION:

Pipeline crossing of Jim R. Slough - channel is open and flowing.  
No extensive icing buildup noticeable through this area.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 4:44 <sup>XAMX</sup>  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/50

START LOCATION: Prudhoe Bay

NAPLINE A.S. 050

END LOCATION: Fairbanks

OTHER: ± TAPS MP 277.2

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Prospect Cr.

PHOTOGRAPH: ROLL NO. 3

PICTURE NO. 1

I/D NO. 11391 A



COMMENTS/DESCRIPTION:

Remnant icing and channel ice in Prospect Cr. at the pipeline crossing.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80 OBSERVER: N. Price & D. Carson  
TIME: 4:47 <sup>AM</sup>  
PM MODE OF TRAVEL: Bell 206 Helicopter  
LOCATION: TAPS A.S. G-100/51 START LOCATION: Prudhoe Bay  
NAPLINE A.S. 051 END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 282  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Little Nasty Cr.

PHOTOGRAPH: ROLL NO. 3  
PICTURE NO. 2  
I/D NO. 11391 B



COMMENTS/DESCRIPTION:

Aufeis at the pipeline crossing of the Little Nasty.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 4:49

~~XXXX~~  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/52

START LOCATION: Prudhoe Bay

NAPLINE A.S. 051

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 284.4

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: North Fork Bonanza Cr.

PHOTOGRAPH: ROLL NO. 3

PICTURE NO. 3

I/D NO. 11391 C



COMMENTS/DESCRIPTION:

Remnant channel ice at the pipeline crossing of North Fork Bonanza Cr.; creek channel is open and water is flowing.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 4:50 <sup>AM</sup>  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/52

START LOCATION: Prudhoe Bay

NAPLINE A.S. 052

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 286

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: South Fork Bonanza Cr.

PHOTOGRAPH: ROLL NO. 3

PICTURE NO. 4

I/D NO. 11391 D



COMMENTS/DESCRIPTION:

No ice is evident at the pipeline crossing.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 4:52 XXAM  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/53

START LOCATION: Prudhoe Bay

NAPLINE A.S. 052

END LOCATION: Fairbanks

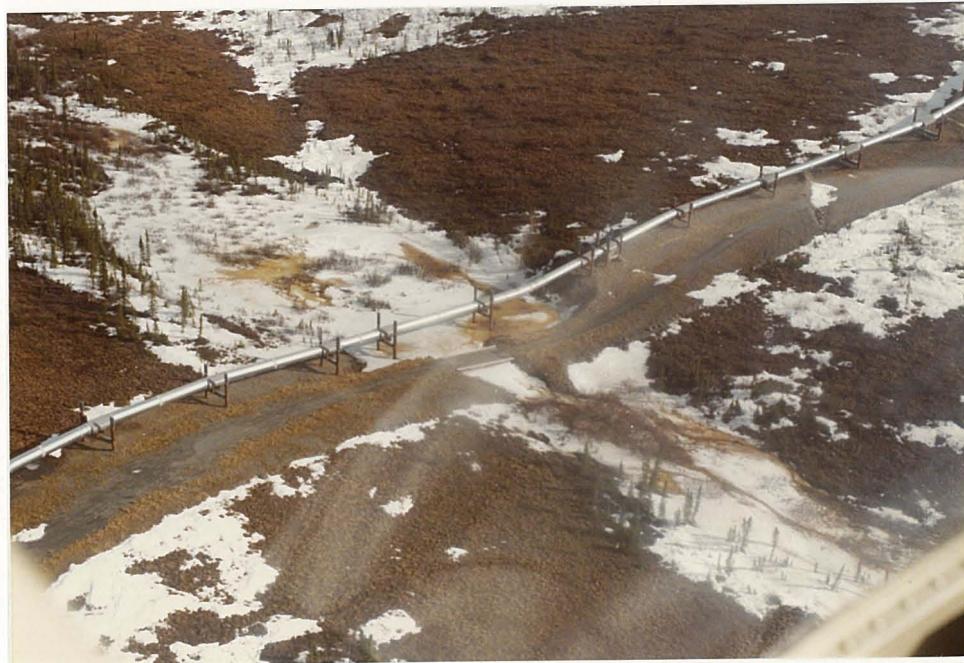
OTHER: Approx. TAPS MP 289.7  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Pung's Crossing Cr.

PHOTOGRAPH: ROLL NO. 3

PICTURE NO. 5

I/D NO. 11391 E



COMMENTS/DESCRIPTION:

Remnant aufeis along Pung's Crossing at the pipeline crossing.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

TIME: 4:54 ± XX  
PM

LOCATION: TAPS A.S. G-100/53

NAPLINE A.S. 053

OBSERVER: N. Price & D. Carson

MODE OF TRAVEL: Bell 206 Helicopter

START LOCATION: Prudhoe Bay

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 293.2; near RV 53  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Alder Mountain Cr.

PHOTOGRAPH: ROLL NO. 3

PICTURE NO. 6

I/D NO. 11391 F



COMMENTS/DESCRIPTION:

Small amount of channel ice is still present upstream of the pipeline crossing (upper center of photo above the Right-of-Way); otherwise the crossing is clear.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 4:55 AM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/53

START LOCATION: Prudhoe Bay

NAPLINE A.S. 053

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 294.9

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Fish Cr.

PHOTOGRAPH: ROLL NO. 3

PICTURE NO. 7

I/D NO. 11391 G



COMMENTS/DESCRIPTION:

Creek is open and flowing at the pipeline crossing. No unusual icing is evident. No icings were noted at the pipeline crossings at Middle Fork Fish Cr. and South Fork Fish Cr., other than the usual aufeis buildup on the S.F. Fish Cr. upstream of the AR 87-APL/AMS-3B bridge.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80 OBSERVER: N. Price & D. Carson

TIME: 5:00 AMXX MODE OF TRAVEL: Bell 206 Helicopter  
PM

LOCATION: TAPS A.S. G-100/55 START LOCATION: Prudhoe Bay

NAPLINE A.S. 054 END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 302.9  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Kanuti R.

PHOTOGRAPH: ROLL NO. 3

PICTURE NO. 8

I/D NO. 11391 H



COMMENTS/DESCRIPTION:

Normal ice and snow cover still evident at the Haul Road and pipeline crossing. Standing water is present downstream of the Haul Road bridge (right side of the photo).

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 5:05 ± XXX  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/56

START LOCATION: Prudhoe Bay

NAPLINE A.S. 055

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 308.6

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Olson Lake Cr.

PHOTOGRAPH: ROLL NO. 3

PICTURE NO. 9

I/D NO. 11391 I



COMMENTS/DESCRIPTION:

Small icing occurs at the pipeline crossing. Open water is showing downstream of the crossing (left side of photo).

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80 OBSERVER: N. Price & D. Carson  
TIME: 5:17 ± XXX PM MODE OF TRAVEL: Bell 206 Helicopter  
LOCATION: TAPS A.S. G-100/59 START LOCATION: Prudhoe Bay  
NAPLINE A.S. 059 END LOCATION: Fairbanks  
OTHER: Approx. TAPS MP 325.3  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)  
STREAM/WATER BODY: Fed Cr.  
PHOTOGRAPH: ROLL NO. 3  
PICTURE NO. 11  
I/D NO. 11391 K



COMMENTS/DESCRIPTION:

Minor icing is still evident upstream of the pipeline crossing (below the pipeline in the photo). Open water is flowing downstream of the pipeline.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80 OBSERVER: N. Price & D. Carson  
TIME: 5:20 ± XAMX MODE OF TRAVEL: Bell 206 Helicopter  
LOCATION: TAPS A.S. G-100/59 START LOCATION: Prudhoe Bay  
NAPLINE A.S. 059 END LOCATION: Fairbanks  
OTHER: Approx. TAPS MP 329.3  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)  
STREAM/WATER BODY: North Fork Ray R. (Noname Cr.)  
PHOTOGRAPH: ROLL NO. 3  
PICTURE NO. 12  
I/D NO. 11391 L



COMMENTS/DESCRIPTION:

River is flowing well at the crossing. No icings in evidence.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80 OBSERVER: N. Price & D. Carson  
TIME: 5:23 ± XAMX MODE OF TRAVEL: Bell 206 Helicopter  
PM  
LOCATION: TAPS A.S. G-100/60 START LOCATION: Prudhoe Bay  
NAPLINE A.S. 061 END LOCATION: Fairbanks  
  
OTHER: Approx. TAPS MP 336.2  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)  
  
STREAM/WATER BODY: Hamlin Hills Cr.  
  
PHOTOGRAPH: ROLL NO. 3  
PICTURE NO. 13  
I/D NO. 11391 M



COMMENTS/DESCRIPTION:

Stream is flowing - no icings evident.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 5:25 ± XAMX  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/61

START LOCATION: Prudhoe Bay

NAPLINE A.S. 062

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 340.5

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Unnamed Cr. 5

PHOTOGRAPH: ROLL NO. 3

PICTURE NO. 14

I/D NO. 11391 N



COMMENTS/DESCRIPTION:

Small icing buildup at the pipeline crossing.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80 OBSERVER: N. Price & D. Carson  
TIME: 5:26 ± XAMX PM MODE OF TRAVEL: Bell 206 Helicopter  
LOCATION: TAPS A.S. G-100/61 START LOCATION: Prudhoe Bay  
NAPLINE A.S. 062 END LOCATION: Fairbanks  
OTHER: TAPS MP 342  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)  
STREAM/WATER BODY: Unnamed Cr. 6  
PHOTOGRAPH: ROLL NO. 3  
PICTURE NO. 15  
I/D NO. 11391 0



COMMENTS/DESCRIPTION:

Creek is open and flowing; no visible icings.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 5:33 XAMX  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/63

START LOCATION: Prudhoe Bay

NAPLINE A.S. 064

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 353; Haul Road MP 56  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Yukon R.

PHOTOGRAPH: ROLL NO. 3

PICTURE NO. 16

I/D NO. 11391 P



COMMENTS/DESCRIPTION:

Generally, breakup from Pump Station #5 south to the Yukon appears to be mild; little or no visible erosional affects are apparent.

(Ice at the Yukon Bridge subsequently went out on 10 May, 1980).

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80 OBSERVER: N. Price & D. Carson  
TIME: 5:38 XAMX MODE OF TRAVEL: Bell 206 Helicopter  
PM  
LOCATION: TAPS A.S. G-100/65 START LOCATION: Prudhoe Bay  
NAPLINE A.S. 066 END LOCATION: Fairbanks  
OTHER: Approx. TAPS MP 363  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)  
STREAM/WATER BODY: Isom Cr.  
PHOTOGRAPH: ROLL NO. 3  
PICTURE NO. 18  
I/D NO. 11391 R



COMMENTS/DESCRIPTION:

Creek is open and flowing well .

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 5:47 XAMX  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/68

START LOCATION: Prudhoe Bay

NAPLINE A.S. 068

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 378.5

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Fish Cr./Hess Cr. complex

PHOTOGRAPH: ROLL NO. 3

PICTURE NO. 19

I/D NO. 11391 S



COMMENTS/DESCRIPTION:

Fish Cr. (tributary to Hess Cr.) is open and flowing freely at the pipeline crossing - approx. MP 378.3. Note that all drainages between this crossing and Isom Cr. to the north are also open and flowing freely - no flooding is evident.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 5:47 + XAMX  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/68

START LOCATION: Prudhoe Bay

NAPLINE A.S. 068

END LOCATION: Fairbanks

OTHER: Approx, TAPS MP 378.5  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Fish Cr./Hess Cr. complex

PHOTOGRAPH: ROLL NO. 3

PICTURE NO. 20

I/D NO. 11391 T



COMMENTS/DESCRIPTION:

(See comments for photo #19, I/D 11391 S, preceding). Hess Cr. still contains channel ice but there is little evidence of any icing buildup at the pipeline crossing.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 5:50 ± <sup>XAMX</sup>  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/68

START LOCATION: Prudhoe Bay

NAPLINE A.S. 069

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 382.5

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Erickson Cr.

PHOTOGRAPH: ROLL NO. 3

PICTURE NO. 22

I/D NO. 11391 V



COMMENTS/DESCRIPTION:

Open channel at the pipeline crossing is flowing freely;  
no icings are evident.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 5:51 ± XAMK  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/69

START LOCATION: Prudhoe Bay

NAPLINE A.S. 069

END LOCATION: Fairbanks

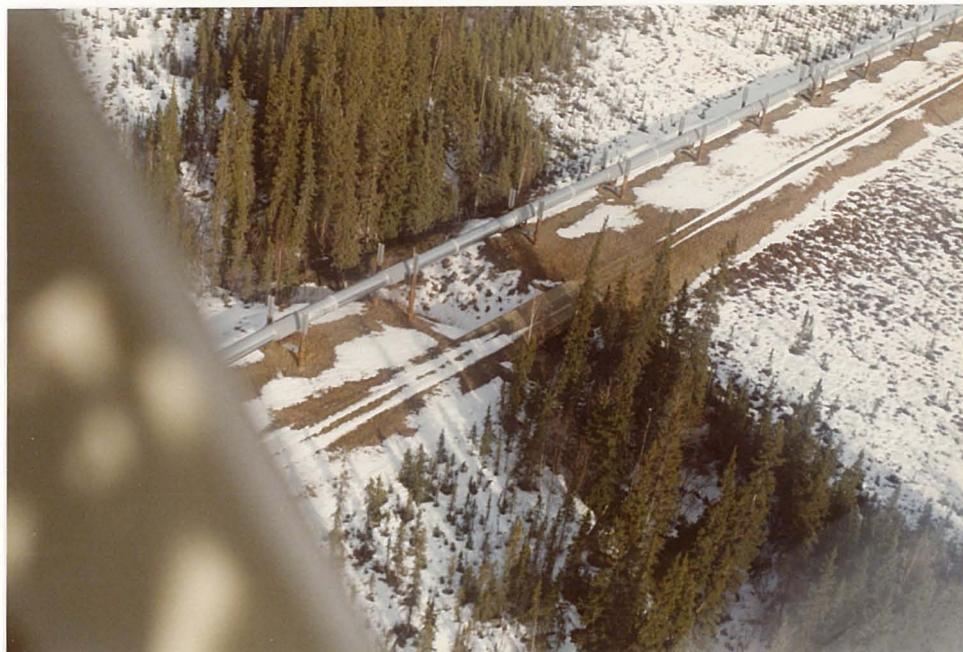
OTHER: Approx. TAPS MP 384.3  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Erickson Cr.

PHOTOGRAPH: ROLL NO. 3

PICTURE NO. 24

I/D NO. 11391 W



COMMENTS/DESCRIPTION:

Little water flow is evident at the pipeline crossing.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 5:56 ±

~~AM~~  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/70

START LOCATION: Prudhoe Bay

NAPLINE A.S. 071

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 392.1

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Lost Cr.

PHOTOGRAPH: ROLL NO. 3

PICTURE NO. 25

I/D NO. 11391 Y



COMMENTS/DESCRIPTION:

Stream is well open and flowing freely. No sign of any icing buildup at the pipeline crossing.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 6:01

~~AM~~  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/71

START LOCATION: Prudhoe Bay

NAPLINE A.S. 072

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 398.5

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Tolovana R.

PHOTOGRAPH: ROLL NO. 3

PICTURE NO. 26

I/D NO. 11391 Z



COMMENTS/DESCRIPTION:

River is open and flowing freely at the pipeline crossing -  
Some debris has collected in the river upstream of the crossing  
(to the left of the pipeline in the photo).

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 6:06

~~AMX~~  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/72

START LOCATION: Prudhoe Bay

NAPLINE A.S. 073

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 404

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Minor drainage about 1½ miles north of Wilbur Cr.

PHOTOGRAPH: ROLL NO. 3

PICTURE NO. 28

I/D NO. 11391 B1



COMMENTS/DESCRIPTION:

A small icing is present along the TAPS workpad. Wilbur Cr. at about MP 405.5, and Slate Cr., ± MP 408.3, are flowing freely and fairly full.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80 OBSERVER: N. Price & D. Carson

TIME: 6:09 <sup>XXX</sup>  
PM MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/74 START LOCATION: Prudhoe Bay

NAPLINE A.S. 074 END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 412.5  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Tatalina R.

PHOTOGRAPH: ROLL NO. 3

PICTURE NO. 29

I/D NO. 11391 C1



COMMENTS/DESCRIPTION:

The river is flowing freely; no icings in evidence on either side of the pipeline crossing.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80 OBSERVER: N. Price & D. Carson  
TIME: 6:10 XAMX MODE OF TRAVEL: Bell 206 Helicopter  
LOCATION: TAPS A.S. G-100/74 START LOCATION: Prudhoe Bay  
NAPLINE A.S. 075 END LOCATION: Fairbanks  
OTHER: Approx. TAPS MP 415.5  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)  
STREAM/WATER BODY: Small drainage just south of Pump Station #7  
PHOTOGRAPH: ROLL NO. 3  
PICTURE NO. 30  
I/D NO. 11391 D1



COMMENTS/DESCRIPTION:

Small icing buildup noted on the uphill side of the TAPS workpad (left side of the pipeline).

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 6:12 ± XAMX  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/74

START LOCATION: Prudhoe Bay

NAPLINE A.S. 075

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 416.6

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Small unnamed drainage between  
AR 67-APL/AMS-1 and Globe Cr.

PHOTOGRAPH: ROLL NO. 3

PICTURE NO. 31

I/D NO. 11391 E1



COMMENTS/DESCRIPTION:

Photo shows a remnant icing at a LWC on the pipeline Right-of-Way.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80 OBSERVER: N. Price & D. Carson  
TIME: 6:12 + XAMX MODE OF TRAVEL: Bell 206 Helicopter  
LOCATION: TAPS A.S. G-100/74 START LOCATION: Prudhoe Bay  
NAPLINE A.S. 075 END LOCATION: Fairbanks  
OTHER: Approx. TAPS MP 417  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)  
STREAM/WATER BODY: Small unnamed drainage between  
AR 67-APL/AMS-1 and Globe Cr.  
PHOTOGRAPH: ROLL NO. 3  
PICTURE NO. 32  
I/D NO. 11391 F1



COMMENTS/DESCRIPTION:

Remanent icing on the uphill side of the workpad  
(left hand side of workpad).

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 6:13 ± XAMX  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/75

START LOCATION: Prudhoe Bay

NAPLINE A.S. 075

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 417.4

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Globe Cr.

PHOTOGRAPH: ROLL NO. 3

PICTURE NO. 33

I/D NO. 11391 G1



COMMENTS/DESCRIPTION:

The creek is well open and flowing freely.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80 OBSERVER: N. Price & D. Carson  
TIME: 6:16 XAMX MODE OF TRAVEL: Bell 206 Helicopter  
PM  
LOCATION: TAPS A.S. G-100/75 START LOCATION: Prudhoe Bay  
NAPLINE A.S. 075 END LOCATION: Fairbanks  
  
OTHER: Approx. TAPS MP 420.9; Haul Road MP  $\pm$  33.2  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)  
  
STREAM/WATER BODY: Little Globe Cr.  
  
PHOTOGRAPH: ROLL NO. 4  
PICTURE NO. 1  
I/D NO. 11394 A



COMMENTS/DESCRIPTION:

View of remnant channel ice and minor icing areas along Little Globe Cr..

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 6:16 +

~~XAMX~~  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/75

START LOCATION: Prudhoe Bay

NAPLINE A.S. 075

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 420.6; Haul Road MP  $\pm$  33.5  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Little Globe Cr.

PHOTOGRAPH: ROLL NO. 4

PICTURE NO. 2

I/D NO. 11394 B



COMMENTS/DESCRIPTION:

View of remnant icing.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 6:17 + XAMX  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/75

START LOCATION: Prudhoe Bay

NAPLINE A.S. 076

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 421.4

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Little Globe Cr. drainage

PHOTOGRAPH: ROLL NO. 4

PICTURE NO. 4

I/D NO. 11394 D



COMMENTS/DESCRIPTION:

Remnant icing at drainage crossing of TAPS workpad.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80 OBSERVER: N. Price & D. Carson  
TIME: 6:17 + XAMX MODE OF TRAVEL: Bell 206 Helicopter  
LOCATION: TAPS A.S. G-100/75 START LOCATION: Prudhoe Bay  
NAPLINE A.S. 076 END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 421.7  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Little Globe Cr. Drainage

PHOTOGRAPH: ROLL NO. 4  
PICTURE NO. 5  
I/D NO. 11394 E



COMMENTS/DESCRIPTION:

Remanent icing at LWC 7-20.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80 OBSERVER: N. Price & D. Carson  
TIME: 6:18 <sup>XAMX</sup> MODE OF TRAVEL: Bell 206 Helicopter  
<sup>PM</sup>  
LOCATION: TAPS A.S. G-100/76 START LOCATION: Prudhoe Bay  
NAPLINE A.S. 076 END LOCATION: Fairbanks  
  
OTHER: Approx. TAPS MP 423.7  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)  
  
STREAM/WATER BODY: North Branch Aggie Cr.  
  
PHOTOGRAPH: ROLL NO. 4  
PICTURE NO. 6  
I/D NO. 11394 F



COMMENTS/DESCRIPTION:

Remanent icing.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

TIME: 6:19 XAM  
PM

LOCATION: TAPS A.S. G-100/76

NAPLINE A.S. 076

OBSERVER: N. Price & D. Carson

MODE OF TRAVEL: Bell 206 Helicopter

START LOCATION: Prudhoe Bay

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 424.5

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: South Branch Aggie Cr.

PHOTOGRAPH: ROLL NO. 4

PICTURE NO. 7

I/D NO. 11394 G



COMMENTS/DESCRIPTION:

Remnant icing at stream crossing of TAPS Right-of-Way. Grass is beginning to show green along the workpad through this area and further south. Except for tree covered areas, the snow has about disappeared.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

TIME: 6:25 XXAM  
PM

LOCATION: TAPS A.S. G-100/77

NAPLINE A.S. 078

OBSERVER: N. Price & D. Carson

MODE OF TRAVEL: Bell 206 Helicopter

START LOCATION: Prudhoe Bay

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 431.8

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Washington Cr.

PHOTOGRAPH: ROLL NO. 4

PICTURE NO. 9

I/D NO. 11394 I



COMMENTS/DESCRIPTION:

Except for bank ice, the stream is open and flowing freely less than bank full.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80 OBSERVER: N. Price & D. Carson  
TIME: 6:28 <sup>X</sup><sub>XX</sub> PM MODE OF TRAVEL: Bell 206 Helicopter  
LOCATION: TAPS A.S. G-100/78 START LOCATION: Prudhoe Bay  
NAPLINE A.S. 079 END LOCATION: Fairbanks  
OTHER: Approx. TAPS MP 437.5  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)  
STREAM/WATER BODY: Shocker Cr.  
PHOTOGRAPH: ROLL NO. 4  
PICTURE NO. 10  
I/D NO. 11394 J



COMMENTS/DESCRIPTION:

Some remnant aufeis and channel ice remain upstream of the workpad (upper left quadrant of photo).

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 04-30-80

OBSERVER: N. Price & D. Carson

TIME: 6:29

~~XAMX~~  
PM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/78

START LOCATION: Prudhoe Bay

NAPLINE A.S. 079

END LOCATION: Fairbanks

OTHER: Approx. TAPS MP 438.1

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Chatanika R.

PHOTOGRAPH: ROLL NO. 4

PICTURE NO. 12

I/D NO. 11394 L



COMMENTS/DESCRIPTION:

River is entirely open except for some remanent bank ice as seen in the photo. (Note: Treasure Cr. at about TAPS MP 442.1 also is ice free).

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 05-01-80

TIME: 7:00 AM  
XXXX

LOCATION: TAPS A.S. G-100/82

NAPLINE A.S. 082/083

OBSERVER: N. Price & D. Carson

MODE OF TRAVEL: Bell 206 Helicopter

START LOCATION: Fairbanks

END LOCATION: Delta Junction

OTHER: Approx. TAPS MP 459.7  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Chena R.

PHOTOGRAPH: ROLL NO. 4

PICTURE NO. 13

I/D NO. 11394 M



COMMENTS/DESCRIPTION:

River is ice free. Streams examined between Fox and the Chena before arrival at the Chena on 05-01-80, also were ice free. (Recon leg of 04-30-80, from Prudhoe Bay to Fairbanks, terminated at Fox at 6:35 pm).

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 05-01-80

OBSERVER: N. Price & D. Carson

TIME: 7:02 ± AM  
XXX

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/82

START LOCATION: Fairbanks

NAPLINE A.S. 083

END LOCATION: Delta Junction

OTHER: Approx. TAPS MP 462.2

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Minor tributary to Chena Slough

PHOTOGRAPH: ROLL NO. 4

PICTURE NO. 14

I/D NO. 11394 N



COMMENTS/DESCRIPTION:

Some remnant channel ice is still evident. Open water on right side of workpad is ponded.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 05-01-80 OBSERVER: N. Price & D. Carson  
TIME: 7:09 AM MODE OF TRAVEL: Bell 206 Helicopter  
LOCATION: TAPS A.S. G-100/84 START LOCATION: Fairbanks  
NAPLINE A.S. 085 END LOCATION: Delta Junction

OTHER: Approx. TAPS MP 471  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Moose Creek Crossing No. 3

PHOTOGRAPH: ROLL NO. 4  
PICTURE NO. 15  
I/D NO. 11394 0



COMMENTS/DESCRIPTION:

Stream is completely open and flowing at a moderate rate. Moose Cr. Crossing No. 2, further south, also is ice free and flowing at about the same rate.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 05-01-80

OBSERVER: N. Price & D. Carson

TIME: 7:10 AM  
XPMX

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/84

START LOCATION: Fairbanks

NAPLINE A.S. 085

END LOCATION: Delta Junction

OTHER: Approx. TAPS MP 473.6  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Moose Cr.

PHOTOGRAPH: ROLL NO. 4

PICTURE NO. 17

I/D NO. 11394 Q



COMMENTS/DESCRIPTION:

Continuation of Moose Cr. upstream of Moose Cr. No. 3 Crossing  
described by Data Sheet, Page 90., photo #15, I/D 11394 0.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 05-01-80

OBSERVER: N. Price & D. Carson

TIME: 7:12

AM  
~~PM~~

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/85

START LOCATION: Fairbanks

NAPLINE A.S. 085/086

END LOCATION: Delta Junction

OTHER: Approx. TAPS MP 476.4

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: French Cr. Crossing No. 4

PHOTOGRAPH: ROLL NO. 4

PICTURE NO. 18

I/D NO. 11394 R



COMMENTS/DESCRIPTION:

Stream still contains channel ice with little or no evidence of open water at this pipeline crossing.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 05-01-80

OBSERVER: N. Price & D. Carson

TIME: 7:12 + AM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/85

START LOCATION: Fairbanks

NAPLINE A.S. 085/086

END LOCATION: Delta Junction

OTHER: Approx. TAPS MP 476.8

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: French Cr. Crossing No. 3

PHOTOGRAPH: ROLL NO. 4

PICTURE NO. 19

I/D NO. 11394 S



COMMENTS/DESCRIPTION:

Small channel is open with minor flow at the pipeline crossing. Channel ice is still present downstream of the crossing (top part of the photo).

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 05-01-80

OBSERVER: N. Price & D. Carson

TIME: 7:15 AM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/85

START LOCATION: Fairbanks

NAPLINE A.S. 086

END LOCATION: Delta Junction

OTHER: Approx. TAPS MP 478.2

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: French Cr. Crossing No. 1

PHOTOGRAPH: ROLL NO. 4

PICTURE NO. 20

I/D NO. 11394 T



COMMENTS/DESCRIPTION:

French Cr. is open and flowing freely at this pipeline crossing.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 05-01-80

OBSERVER: N. Price & D. Carson

TIME: 7:20 AM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/86

START LOCATION: Fairbanks

NAPLINE A.S. 087

END LOCATION: Delta Junction

OTHER: Approx. TAPS MP 484.8

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Million Dollar Cr.

PHOTOGRAPH: ROLL NO. 4

PICTURE NO. 21

I/D NO. 11394 U



COMMENTS/DESCRIPTION:

Channel ice is still present with no indication of open water.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 05-01-80

AM

OBSERVER: N. Price & D. Carson

TIME: 7:25

XMM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/87

START LOCATION: Fairbanks

NAPLINE A.S. 088

END LOCATION: Delta Junction

OTHER: Approx. TAPS MP 488.3

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Upper Million Dollar Cr. drainage

PHOTOGRAPH: ROLL NO. 4

PICTURE NO. 22

I/D NO. 11394 V



COMMENTS/DESCRIPTION:

Remnant icing on the pipeline approaching Pump Station #8.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 05-01-80

OBSERVER: N. Price & D. Carson

TIME: 7:27 AM  
XRMX

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/87

START LOCATION: Fairbanks

NAPLINE A.S. 088

END LOCATION: Delta Junction

OTHER: Approx. TAPS MP 489.8

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Unknown

PHOTOGRAPH: ROLL NO. 4

PICTURE NO. 23

I/D NO. 11394 W



COMMENTS/DESCRIPTION:

Small drainage crossing the pipeline at RV 8ds, Pump Sta. #8, still shows some remanent ice. Note the Little Salcha R., approx. TAPS MP 490.7, is open and flowing freely.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 05-01-80

OBSERVER: N. Price & D. Carson

TIME: 7:29 AM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/88

START LOCATION: Fairbanks

NAPLINE A.S. 088

END LOCATION: Delta Junction

OTHER: Approx. TAPS MP 492.7

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Unknown drainage area

PHOTOGRAPH: ROLL NO. 4

PICTURE NO. 24

I/D NO. 11394 X



COMMENTS/DESCRIPTION:

Remnant icing along the TAPS workpad.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 05-01-80

TIME: 7:31 AM  
XXXX

LOCATION: TAPS A.S. G-100/88

NAPLINE A.S. 089

OBSERVER: N. Price & D. Carson

MODE OF TRAVEL: Bell 206 Helicopter

START LOCATION: Fairbanks

END LOCATION: Delta Junction

OTHER: Approx. TAPS MP 493.9

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Unknown drainage area

PHOTOGRAPH: ROLL NO. 4

PICTURE NO. 25

I/D NO. 11394 Y



COMMENTS/DESCRIPTION:

Remanent icing at approx. LWC 8-30.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 05-01-80

OBSERVER: N. Price & D Carson

TIME: 7:33 AM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/88

START LOCATION: Fairbanks

NAPLINE A.S. 089

END LOCATION: Delta Junction

OTHER: Approx. TAPS MP 496

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Salcha R.

PHOTOGRAPH: ROLL NO. 4

PICTURE NO. 26

I/D NO. 11394 Z



COMMENTS/DESCRIPTION:

Salcha R. is open and flowing freely as far as visible upstream and downstream of the pipeline crossing. (Upstream is to the left of the pipeline Right-of-Way).

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 05-01-80

OBSERVER: N. Price & D. Carson

TIME: 7:36 AM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/89

START LOCATION: Fairbanks

NAPLINE A.S. 090

END LOCATION: Delta Junction

OTHER: TAPS MP 500

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Redmond Cr.

PHOTOGRAPH: ROLL NO. 4

PICTURE NO. 28

I/D NO. 11394 B1



COMMENTS/DESCRIPTION:

Stream is open and flowing freely.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 05-01-80 OBSERVER: N. Price & D. Carson  
TIME: 7:38 AM MODE OF TRAVEL: Bell 206 Helicopter  
LOCATION: TAPS A.S. G-100/90 START LOCATION: Fairbanks  
NAPLINE A.S. 090 END LOCATION: Delta Junction

OTHER: Approx. TAPS MP 504.4  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Unknown

PHOTOGRAPH: ROLL NO. 4  
PICTURE NO. 29  
I/D NO. 11394 C1



COMMENTS/DESCRIPTION:

Small icing along the right side of the TAPS Right-of-Way.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 05-01-80

OBSERVER: N. Price & D. Carson

TIME: 7:39 AM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/90

START LOCATION: Fairbanks

NAPLINE A.S. 091

END LOCATION: Delta Junction

OTHER: Approx. TAPS MP 505.6

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Unnamed Drainage

PHOTOGRAPH: ROLL NO. 4

PICTURE NO. 31

I/D NO. 11394 E1



COMMENTS/DESCRIPTION:

Remnant icing at estimated LWC 8-49, is illustrative of typical aufeis occurrences through this area of the pipeline.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 05-01-80

OBSERVER: N. Price & D. Carson

TIME: 7:40 AM  
XRMX

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/90

START LOCATION: Fairbanks

NAPLINE A.S. 091

END LOCATION: Delta Junction

OTHER: Approx. TAPS MP 506.3

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Unknown drainage

PHOTOGRAPH: ROLL NO. 4

PICTURE NO. 32

I/D NO. 11394 F1



COMMENTS/DESCRIPTION:

Remnant icing at estimated LWC 8-50.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 05-01-80 OBSERVER: N. Price & D. Carson  
TIME: 7:42 AM MODE OF TRAVEL: Bell 206 Helicopter  
LOCATION: TAPS A.S. G-100/91 START LOCATION: Fairbanks  
NAPLINE A.S. 091 END LOCATION: Delta Junction

OTHER: Approx. TAPS MP 508.9  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Upper reach of North Fork Minton Cr.

PHOTOGRAPH: ROLL NO. 4  
PICTURE NO. 33  
I/D NO. 11394 G1



COMMENTS/DESCRIPTION:

Typical icing which occurs annually through the Minton Cr. zone.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 05-01-80

TIME: 7:44 AM  
XXX

LOCATION: TAPS A.S. G-100/91

NAPLINE A.S. 091/092

OBSERVER: N. Price & D. Carson

MODE OF TRAVEL: Bell 206 Helicopter

START LOCATION: Fairbanks

END LOCATION: Delta Junction

OTHER: Approx. TAPS MP 509.8  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Minton Cr. at the confluence of the  
North and South Forks

PHOTOGRAPH: ROLL NO. 4

PICTURE NO. 34

I/D NO. 11394 H1



COMMENTS/DESCRIPTION:

Photo shows remnant icing in the vicinity of LWC's 8-56, 8-57 and 8-58 on the pipeline.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 05-01-80 OBSERVER: N. Price & D. Carson  
TIME: 7:45 AM MODE OF TRAVEL: Bell 206 Helicopter  
LOCATION: TAPS A.S. G-100/91 START LOCATION: Fairbanks  
NAPLINE A.S. 092 END LOCATION: Delta Junction  
OTHER: Approx. TAPS MP 511.9  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)  
STREAM/WATER BODY: South Fork Minton Cr.  
PHOTOGRAPH: ROLL NO. 4  
PICTURE NO. 35  
I/D NO. 11394 I1



COMMENTS/DESCRIPTION:

Remnant of massive icing at this location. Note 4 ft high snow fence along the right side of the workpad, used for icing buildup control. This is the area where a Northwest Alaskan Pipeline Co. tracked vehicle slid into the pipeline on March 10, 1980.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 05-01-80 OBSERVER: N. Price & D. Carson  
TIME: 7:50 AM MODE OF TRAVEL: Bell 206 Helicopter  
LOCATION: TAPS A.S. G-100/92 START LOCATION: Fairbanks  
NAPLINE A.S. 092 END LOCATION: Delta Junction

OTHER: Approx. TAPS MP 513.1  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Upper Rosa Cr. Drainage

PHOTOGRAPH: ROLL NO. 5

PICTURE NO. 1

I/D NO. 11395 A



COMMENTS/DESCRIPTION:

Remnant icing.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 05-01-80 OBSERVER: N. Price & D. Carson  
TIME: 7:51 AM MODE OF TRAVEL: Bell 206 Helicopter  
LOCATION: TAPS A.S. G-100/92 START LOCATION: Fairbanks  
NAPLINE A.S. 092 END LOCATION: Delta Junction

OTHER: Proximity of TAPS MP 514  
(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Along Upper Rosa Cr.

PHOTOGRAPH: ROLL NO. 5  
PICTURE NO. 2  
I/D NO. 11395 B



COMMENTS/DESCRIPTION:

Remnant icing.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 05-01-80 OBSERVER: N. Price & D. Carson  
TIME: 7:53 AM MODE OF TRAVEL: Bell 206 Helicopter  
LOCATION: TAPS A.S. G-100/93 START LOCATION: Fairbanks  
NAPLINE A.S. 093 END LOCATION: Delta Junction

OTHER: Approx. TAPS MP 520.4

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Shaw Cr.

PHOTOGRAPH: ROLL NO. 5

PICTURE NO. 4

I/D NO. 11395 D



COMMENTS/DESCRIPTION:

Creek is open and flowing freely. Some channel edge ice remains as shown in the photo.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 05-01-80

OBSERVER: N. Price & D. Carson

TIME: 7:55 AM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/94 - 95

START LOCATION: Fairbanks

NAPLINE A.S. 095

END LOCATION: Delta Junction

OTHER: Approx. TAPS MP 529

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: N/A

PHOTOGRAPH: ROLL NO. 5

PICTURE NO. 6

I/D NO. 11395 F



COMMENTS/DESCRIPTION:

General view of the pipeline looking southerly from about TAPS MP 529 showing the condition of the workpad. Little or no erosion is noted following breakup and runoff.

OFFICE OF SPECIAL PROJECTS  
ICING SURVEY - 1980  
PRUDHOE BAY TO DELTA JUNCTION

DATA SHEET

DATE: 05-01-80

OBSERVER: N. Price & D. Carson

TIME: 7:56 + AM

MODE OF TRAVEL: Bell 206 Helicopter

LOCATION: TAPS A.S. G-100/95

START LOCATION: Fairbanks

NAPLINE A.S. 095

END LOCATION: Delta Junction

OTHER: Approx. TAPS MP 530.8

(TAPS MP, H/R MP, GEOGRAPHICAL FEATURE, ETC.)

STREAM/WATER BODY: Tanana R. and Delta R. Floodplain

PHOTOGRAPH: ROLL NO. 5

PICTURE NO. 10

I/D NO. 11395 J



COMMENTS/DESCRIPTION:

General view looking southerly at the pipeline crossing of the Tanana R. approaching Delta Junction, and the Delta R. floodplain.